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No. 27] NEW DELHI, SATURDAY, JULY 8, 1978 (ASADHA 17, 1900)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS & DESIGNS

Calcutta, the 8th July 1978

CORRIGENDUM

In the Gazette of India, Part III Section 2 dated the 1st April 1978 under heading "Patents sealed" delete 142238.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

1st June 1978

- 590/Cal/78. MacNeill & Mager Ltd. A weighing Machine.
- 591/Cal/78. Didier Werke A.G. Method of remelting a frozen metal plug blocking an orifice.
- 592/Cal/78. Interstop A.G. A sliding gate nozzle for vessels used for pouring metals.
- 593/Cal/78. Stopine Aktiengesellschaft. Sliding gate nozzles.
- 594/Cal/78. Stopinc Aktiengesellschaft. Pouring tube changing arrangement.
- 595/Cal/78. Stopinc Aktiengesellschaft. Metallurgical vessels.
- 596/Cal/78. Interstop A.G. Improvements relating to sliding closures for casting ladles or other vessels for the pouring of liquid metals.
- 597/Cal/78. Paderwerk GEBR. Benteler. Teeming valve for casting ladles.
- 598/Cal/78. Wharton Shipping Corporation. Barge-carrying waterborne vessel and transportation method. [Addition to No. 1259/Cal/76].

599/Cal/78. S. Rangachari and The Director, Indian School of Mines, Dhanbad, Digital under frequency relay.

2nd June 1978

- 600/Cal/78. P. L. Chopra. Device for storing rifles and like armaments.
- 601/Cal/78. Uhde GMBH. Method for the conversion of phosphate rock containing magnesium into phosphoric acid and a mixture of magnesium and calcium cum carbonates.
- 602/Cal/78. Preformed Line Products Company. Splice case with gaslet and closure mechanism therefor.
- 603/Cal/78. Preformed Line Products Company. Contraction termination device for electric cables.
- 604/Cal/78. Combustion Engineering, Inc. Entrained flow coal gasifier.
- 605/Cal/78. Bochumer Eisenhutte Heintzmann GMBH & Co. Closed yieldable gallery walling, in particular for underground pit galleries.

3rd June 1978

- 606/Cal/78. J. B. Estebnell. The opener cleaner combing device, perfected.
- 607/Cal/78. Aktiengesellschaft Kuhnle, Kopp & Kausch. Method of controlling the supercharge pressure in an internal-engine, and exhaust-gas turbosupercharger for performing the method.
- 608/Cal/78. National Research Development Corporation. An improvement in or relating to apparatus for moulding components in compactable materials. (June 15, 1977).
- 609/Cal/78. Hoesch Werke Aktiengesellschaft. A device for securing a track rail on a sleeper.

610/Cal/78. Vacmetall Gesellschaft GMBH. Process for the production of steel with low manganese content.

5th June 1978

611/Cal/78. Cummins Engine Company, Inc. An exhaust braking valve.

612/Cal/78. Monsanto Company. Treatment of aqueous dispersions.

613/Cal/78. Deepak Kumar Sinha. Rotating gear hob having teeth with straight and parallel side cutting edges and method of forming the same.

614/Cal/78. Deepak Kumar Sinha. Rack type gear shaping cutter having teeth with straight and parallel side cutting edges and method of forming the same.

615/Cal/78. Deepak Kumar Sinha. Reciprocating tool with straight and parallel side cutting edges for generating straight bevel gear and method of forming the same.

616/Cal/78. Siemens Aktiengesellschaft. Electrical connector.

6th June 1978

617/Cal/78. Electro-Biology, Inc. Modification of the growth, repair and maintenance behavior of living tissues and cells by a specific and selective change in electrical environment.

618/Cal/78. S.I.L.E.C.-Division Signalisation Industrielle. Intrinsically safe telephone network.

619/Cal/78. Finommechanikai Vallalat. Switching arrangement for reduction of temperature-responsive output fluctuations of frequency-multiplied chains.

620/Cal/78. A. Artama. Dust precipitator.

7th June 1978

621/Cal/78. H. C. Purohit. Solar airconditioner.

622/Cal/78. E. Kusters. Improvements in or relating to a control system.

623/Cal/78. Maschinenfabrik Augsburg-Nürnberg Aktiengesellschaft. Fuel injector.

624/Cal/78. Kraftwerk Union Aktiengesellschaft. Damping arrangement.

625/Cal/78. D. Henke. Process for cultivation of mushroom nursing plant for carrying out the process and air conditioning plant for the mushroom nursing plant.

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

26th April 1978

306/Del/78. Vickers Limited. Improvements in or relating to explosive welding. (April 26, 1977).

307/Del/78. Borg-Warner Corporation. Control system for regulating large capacity rotating machinery.

27th April 1978

308/Del/78. Kelvinator of India Limited. Improvements in or relating to solar water heaters. [Addition to No. 376/Del/77].

309/Del/78. A. N. Aggarwal. Process for lustering processed bangles.

310/Del/78. Accumulatorenfabrik Sonnenschein GmbH. A precursor for an electrical lead storage battery.

311/Del/78. UOP Inc. Trace acid removal.

312/Del/78. Westinghouse Brake and Signal Company Limited. Binary code converters, and electrically controlled braking systems incorporating such converters. (May 3, 1977).

313/Del/78. Insituform International Inc. Coating of felt materials.

28th April 1978

314/Del/78. M. L. Gouria. Helmet lock.

1st May 1978

315/Del/78. The General Electric Company Limited. Improvements in or relating to apparatus for monitoring high alternating voltages. (May 11, 1977).

316/Del/78. Bayer Aktiengesellschaft. Dyestuff formulations.

317/Del/78. Bharat Heavy Electricals Limited. Multi channel cooling system of turbogenerator rotor over-hand winding.

318/Del/78. Council of Scientific and Industrial Research. A process for the preparation of new yellow to violet azo N-substituted homophthalimide disperse dyes for synthetic fibres.

2nd May 1978

319/Del/78. Kenrich Petrochemicals, Inc. Alkoxy titanate salts useful as coupling agents. [Divisional—date May 12, 1976].

320/Del/78. Dunlop Limited. Improvements in or relating to marine craft. (May 7, 1977).

321/Del/78. Miles Laboratories, Inc. Diagnostic test strips.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

29th May 1978

69/Mas/78. The Central Machine Tool Institute. Optical centering projector.

2nd June 1978

70/Mas/78. A. J. Stephen. A fluid level limiter.

71/Mas/78. S. M. Shunmugavel. A fluid level indicator.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 71-G & 131B₃.
Int. Cl.-E21c 19/02.

1-778.

APPARATUS FOR PULLING DRILL PIPE.

Applicant: DRILL SYSTEMS INC., OF 616, 58TH AVENUE S. E., CALGARY, ALBERTA, CANADA, T2H 1X3.

Inventor: FLOYD WALTER BECKER.

Application No. 883/Cal/75 filed May 1, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Apparatus for pulling pipe comprising, a frame, jack means for rising and lowering said frame, a slip bowl mounted in said frame for movement therewith, said slip bowl having an inner surface tapered inwardly and downwardly, said inner surface being adapted to receive replaceable inner filler ring having an outer surface tapered inwardly and downwardly for seating in said inner surface of said slip bowl and in inner surface tapered inwardly and downwardly, a plurality of slips having a wedge-shaped configuration, each slip having an outer surface for engagement with one of said inner surfaces, and each slip having an inner surface for engagement with the pipe a control ring with its open central portion aligned with the axis of said slip bowl, means for moving said control ring axially and relative to said slip bowl, and plurality of connecting members each connected at one end to one of said slips and having connecting means at the other end pivotally connecting each member to said control ring for permitting swinging movement of said slips toward and away from the axis of said slip bowl.

CLASS 129-G.
Int. Cl.-B21c 23/04; 23/12.

144779.

SELF CONTAINED EXTRUSION APPARATUS.

Applicant : REVERE COPPER AND BRASS INCORPORATED, A MARYLAND CORPORATION, UNITED STATES OF AMERICA.

Inventors : ANTHONY CALVERT KEATHLEY, (2) GENE LOWELL OBERLEY JACK DEMAR STEWART & RODERICK JAMES PLACE.

Application No. 1861/Cal/75 filed September 29, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Self-contained extrusion apparatus, comprising a pressure cylinder having a bore extending therethrough, said bore having a generally central portion and outer end portions on the opposite ends thereof;

a plurality of radially disposed segmented blocks provided with inner and outer liners positioned within said generally central portion of said bore, said inner liner providing an extrusion chamber for receiving a billet to be extruded surrounded by a pressure transmitting medium and said outer liner being spaced from said bore to provide a space surrounding said segmented blocks for receiving support fluid to be pressurized to provide radially inward support to said segmented blocks during extrusion of said billet;

an extrusion die;

means for advancing said extrusion die positioned in one of said outer end portions of said bore, said means for advancing said die into said extrusion chamber to pressurize said pressure transmitting medium and extrude said billet; and

pressure intensifier means positioned in the other of said outer end portions of said bore and for pressurizing said support fluid surrounding said segmented blocks to provide said radial support to said segmented blocks during the extrusion of said billet.

CLASS 108C.
Int. Cl.-C21c 7/02; C22b 9/02.

144780.

OXIDATION OF MOLTEN FERROPHOSPHOROUS.

Applicant : UNION CARBIDE CORPORATION, AT 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : DONALD JOSEPH HANSEN, (2) WILLIAM BRANTNER DE ATLEY, (3) ROBERT LAWRENCE RIPLEY AND GEORGE FRANKLIN CURTIS.

Application No. 2086/Cal/75 filed October 29, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims.

A process for producing oxidized ferrophosphorous which comprises bringing a molten mass of ferrophosphorous into and out of contact with a surface consisting essentially of oxidized ferrophosphorous in an atmosphere of oxidizing gas.

CLASS 94-G.
Int. Cl.-A23h 5/10; A47j 43/26.

144781.

MACHINE FOR SLITTING NUT SKINS.

Applicant & Inventor : JAMES WINFIELD GARDNER, OF 309, WASHINGTON AVENUE, TYRONE, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1026/Cal/76 filed June 11, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A machine for slitting the skins of edible nuts, comprising

(a) at least a pair of rolls disposed in a vertical plane one above the other and spaced apart from one another to define a nut receiving gap between their peripheries.

(b) slitting means disposed adjacent said gap for engaging nuts passing through said gap.

(c) upper and lower parallel arbors rotatably supporting said rolls,

(d) frame means including bearings supporting opposite ends of said arbors,

(e) parallel guide means engaging the ends of at least one of said arbors, and

(f) adjusting means connected to both ends of said one arbor and to said frame for moving both ends of said one arbor simultaneously along said guide means for selectively changing the size of said gap.

CLASS 64B & 68B.
Int. Cl.-H01b 17/00; H02g 3/00; H01r 3/00.

144782.

SECTIONING TAP BLOCK FOR TELECOMMUNICATION SYSTEMS.

Applicant : SOCIETA ITALIANA TELECOMUNICAZIONI SIEMENS S.P.A. OF PIAZZALE ZAVATTART 12, 20149 MILANO, ITALY.

Inventors : GUGLIELMO GIACOPPO AND ERCOLE TRES.

Application No. 2218/Cal/76 filed December 16, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A sectioning-tap block for telecommunication systems, characterized in that it comprises as intermediate body acting as a carrying support, two side walls connected to the said body and forming seats adapted to receive a plurality of pairs of electric contacts arranged along two rows and grouped at a plurality of zones each of which has means for sectioning a predetermined number of connections, the intermediate body and the two side walls being so shaped as to form a plurality of column elements each of which delimites a zone of contacts having a common plane as a basis.

CLASS 10B.
Int. Cl.-C06c 5/00.

144783.

IMPROVED METHOD FOR MANUFACTURING DETONATING FUSE CORD AND FUSECORD PRODUCED THEREBY.

Applicant : IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, SW1P 3JF, ENGLAND.

Inventor : JOSEPH POTTER BLAIR.

Application No. 906/Cal/76 filed May 6, 1975.

Convention date May 20, 1974 (22424/74) U.K.

Addition to No. 1553/72.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A method of manufacturing detonating fusecord wherein one or more centre yarns are disposed in a core of compacted particulate explosive material and surrounded with reinforcing wrapping materials, the said centre yarn being a yarn which has been treated with silicone oil from which yarn the silicone oil migrates to the surrounding explosive material in the complete cord.

CLASS 10B. 144784.
Int. Cl.-C06c 5/00.

A METHOD OF MANUFACTURING DETONATING FUSECORD AND DETONATING FUSECORD MANUFACTURED THEREBY.

Applicant : IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3JF, ENGLAND.

Inventor : GORDON BRIAN-ROGER SHANNON.

Application No. 907/Cal/75 filed May 6, 1975.

Convention date December 23, 1974 (55442/74) U.K.

Addition to No. 1553/72.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A method of manufacturing detonating fusecord having a core of compacted PETN particles coated with silicone, in which method a thin transport tape is continuously convoluted to form a tube, PETN particles are continuously fed into the tube to form a consolidated core therein and the tube is reinforced with external wrapping materials, the transport tape being a tape coated with silicone oil at least the part of its surface forming the interior surface of the tube which silicone oil migrates from the tape to the said PETN particles.

CLASS 40-F. 144785.
Int. Cl.-B01j 1/00.

IMPROVEMENTS TO THE REGENERATION OF REGENERABLE AQUEOUS SCRUBBING SOLUTIONS USED FOR REMOVING ACIDIC GASES FROM GAS MIXTURES.

Applicant & Inventor : FRANCIS VAN HECKE, OF 183 AVENUE DE TERVUEREN, B-1040 BRUSSELS, BELGIUM, OF BELGIAN.

Application No. 2370/Cal/75 filed December 22, 1975.

Convention date December 24, 1974 (55851/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A process for the regeneration of regenerable aqueous scrubbing solutions such as herein described which are used for the bulk removal of acidic gases such as herein described by absorption from gas mixtures containing these acidic gases, in a cyclic process in which said aqueous scrubbing solutions are regenerated in a regeneration system by steam stripping before being recycled to the absorption stage, a part of the scrubbing solutions is regenerated in an auxiliary regeneration section of the regeneration, whereas the other part of the scrubbing solution is regenerated in an auxiliary regeneration section of the regeneration system, said process characterized in that the pressure in the auxiliary regeneration section is selected independently from the pressure in the main regeneration section and that at least a part of the stripping

steam required in the auxiliary regeneration section is contained through flashing of the scrubbing solution in a reduced pressure zone connected to the suction side of a steam jet thermocompressor, the mixture of thermocompressor motive steam and recompressed flashed vapour being directly discharged into said auxiliary regeneration section.

CLASS 24-F. 144786.
Int. Cl.-F16d 69/04

IMPROVEMENTS RELATING TO SPREADING DISC BRAKES.

Applicant : GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

Inventor : HANS GUNTER FINK.

Application No. 1032/Cal/75 filed May 22, 1975.

Convention date June 4, 1974 (24596/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

8 Claims

A friction plate or disc for a brake of the kind set forth comprising a flat metal plate and one-piece annular discs of lining material for attachment to opposite sides of the plate, in which the discs of lining material are detachably connected to the opposite sides of the plates, and the plate incorporates a number of non-circular openings or windows which detachably receive complementary lugs or projections on the said discs of lining material.

CLASS 153-. 144787.
Int. Cl.-B24b 5/18.

CENTERLESS PLAIN GRINDING MACHINE WITH WIDE-DISPLACEMENT MECHANISM.

Applicant : VEB WERKZEUGMASCHINENKOMBINAT 7. OKTOBER OF BERLIN, OF DDR-112 BERLIN, GEHRINGSTRASSE 39, GERMAN DEMOCRATIC REPUBLIC.

Inventors : ERICH STREIT, (2) ING. KARI-HEINZ BEYER, & ING. JOHANNES FRIEDRICH.

Application No. 2016/Cal/75 filed October 17, 1975.

Convention date September 18, 1975 (38358/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

Centerless plain grinding machine with fixed mounting of the grinding wheel, with holding bar for the workpiece and intermediary slide carrying the governor body, where the plunge-cut movement starting from a pivoted carriage or the machine frame is transmitted via the governor body slide to the intermediary slide, equipped with a wide-displacement mechanism, characterized thus,

that a plunge-cut device (5) for the plunge-cut movement and the wide displacement acts upon the governor body slide (9) in known manner by means of a piston rod (8), that a cylinder (6) acts from the pivoted carriage (4) or from the machine frame (1) upon the intermediary slide (17) by means of a piston rod part (16), that there is fitted on the intermediary slide (17) an adjustable stop, for instance a threaded coupling (19) with stop-screw (18) and on the governor body slide (9) a counter stop (20), that a piston (27) of a cylinder (6) is controlled by means of two two-position servo valve spools (13) and (28).

CLASS 148E & H & 203. 144788.
Int. Cl.-G03b 27/00.

PROFILED PRESSING ROLLER FOR SHEET AND WEB LIKE MATERIAL TRANSPORT AND A DEVICE UTILIZING THE ROLLER.

Applicant : OCE-VAN DER GRINTEN N. V. OF VENLO, THE NETHERLANDS.

Inventor : WILHELMUS GERARDUS MARIA PETERS.

Application No. 2270/Cal/75 filed November 29, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

Profiled pressing roller for sheet and web like material transport and a device utilizing the roller comprising a core and a sleeve of contiguous identical rings, characterized in that the circumference of each ring is provided with a profile, the tops of the profiles on the outer surface of each ring have a surface of less than 0.5 mm², which is repeated n-times over the circumference, and that of each pair of contiguous rings the one ring is rotated with regard to the other ring over an angle which is smaller than 360°.

CLASS 9D, 71-G, 131B, 5-D, 116-G, & 118A. 144789.
Int. Cl.-C22c 1/06, 29/00; E02f 3/00, 3/14, 3/24;
3/62; 3/81; E02d 17/16.

COMPOSITE WEAR-RESISTANT ALLOY, AND TOOLS FROM SAME.

Applicant: CATERPILLAR TRACTOR CO., OF 100N. E. ADAMS STREET, PEORIA, STATE OF ILLINOIS 616002, UNITED STATES OF AMERICA.

Inventors: EUGENE LEE HELTON, PRESTON LEE GALE, LOWELL JACOB MOEN, ROBERT CHARLES MUELLER, WALKER LAWRENCE PIERCE, JR. & HENRY JOSEPH VERMILLION, JR.

Application No. 797/Cal/75 filed April 19, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A process for the manufacture of composite alloy having high wear-resistance which comprises forming in a manner as hereinbefore described a first alloy such as hereinbefore defined into substantially spheroidal particles and distributing such particles within a matrix of at least one other alloy material such as hereinbefore defined to form the described composite alloy.

CLASS 58-D & 68-E, 144790.
Int. Cl.-G05f 1/00; B60 1/00.

HEATABLE PANES.

Applicant: SAINT-GOBAIN INDUSTRIES, OF 62 BOULEVARD VICTOR HUGO, 92209 NEUILLY SUR SEINE, FRANCE.

Inventor: SERGIO ROSELLI.

Application No. 867/Cal/75 filed April 29, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A heatable window pane having on a surface thereof a printed network of electric resistance elements for carrying heating current for the pane and at least one humidity detector having two terminals, one of said terminals being connected to a point on the heating network adjacent the humidity detector.

CLASS 15-D 144791.
Int. Cl.-F16c 33/42.

BALL BEARING RACES AND DISCS AND THEIR MANUFACTURE.

Applicant: INDUSTRIEWERK SCHAEFFLER OHG., OF POSTFACH 1220, 8522-HERZOGENAURACH, WEST GERMANY

Inventors: RUDOLF BAUER, (2) HANS-CHRISTIAN KRUGER, (3) DIETER GOPPELT, & MAX PFITSCHER.

Application No. 658/Cal/76 filed April 17, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

31 Claims.

A thin-walled race ring for a radial ball-bearing, characterized in that it is formed of a one-piece tubular part (15, 20, 95, 96) which at least at one axial end is provided with a rolled beading (3, 6, 23, 25, 28, 29, 32, 37, 41, 45, 46, 52, 55, 62, 82, 83, 84) of approximately circular outer contour, on which the balls (7, 30, 34, 43, 51, 59, 60, 85, 90) roll.

CLASS 97-E, 144792.
Int. Cl.-C21c 7/00.

APPARATUS FOR CARRYING OUT THE ELECTRO SLAG/ELECTRO FLUX REFINING PROCESS FOR METALS.

Applicant: THE TATA IRON & STEEL COMPANY LIMITED, AT JAMSHEDPUR STATE OF BIHAR, INDIA.

Inventors: DR. SURINDER MOHAN MEHRA & MR. BALRAJ SARDANA.

Application No. 1190/Cal/76 filed July 5, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An apparatus for use in known electro slag/electro flux refining of metals in which the ingot is placed over a withdrawable base and means are provided for withdrawing the ingot and feeding of the consumable electrode such that the rate of withdrawal of the ingot matches with the rate of feed of the electrode whereby the distance between the electrode and the ingot is constant or nearly constant, and wherein means for withdrawing the ingot and for raising the plate carrying the ingot whereby slow withdrawal of the ingot and fast reversal of the plate that carries the ingot can take place comprise a drive system that consists of a d.c. motor which drives an input shaft through a gear box which input shaft drives through a clutch two output shafts, said output shafts being adapted to operate spindles through a common gear box, said spindles carrying the platform and an A.C. motor for driving the output shafts through the said commongear box so that with the use of the d.c. motor slow withdrawal can take place and by the A.C. motor fast reversal of the platform can take place.

CLASS 27E, & O, 144793.
Int. Cl.-E04c 1/00.

IMPROVED BUILDING CONSTRUCTIONS.

Applicant: PLAN-TEK A/S. OF SKIPPERGATEN 9, OSLO 1, NORWAY.

Inventors: FINN MAESS & TORBJORN RODAHL.

Application No. 1286/Cal/76 filed July 17, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A load-carrying building construction, such as a ceiling floor, beam or the like, assembled from prefabricated box-shaped components of a suitable material such as wood, metal concrete or the like, the box-shaped components being assembled in a pre-stressed rigid disc or plate, by means of non-embedded tensioning members in the form of prestressed rods, the pre-stressing forces being transferred to the boxes.

CLASS 172-D, 144794.
Int. Cl.-D01h 7/74.

APPARATUS FOR OPEN-END SPINNING OF FIBRES.

Applicant: VSESOJUZNY NAUCHNO-ISSLEDOVATELSKY INSTITUT LEGKOGO I TEXTILNOGO MASHINOSTROENIA, VARSHAVSKOE SHOSSE 33, MOSCOW, USSR.

Inventors: ROZA SEMENOVNA RABINOVICH, (2) EKATERINA MIKHAILOVNA ZAVYATOVA & VASILY PORFIRIEVICH KORZHOV.

Application No. 2041/Cal/76 filed November 15, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

An apparatus for open-end spinning of fibres, including a stationary spinning chamber with a feed passage extending tangentially of this chamber, said feed passage being shaped, in longitudinal section, as an upturned rectangular trapezium; a means for separating and feeding the fibres, adjoining the greater side of said trapezium, an air suction system communicating with said chamber and adapted to create therein the suction acting upon the fibres to form the open end of yarn therefrom; and a means for delivering the thus formed yarn, said trapezium having the inclined side thereof facing the base of said chamber.

CLASS 68-E, 144795.
Int. Cl.-G05f 1/00.

DEVICE FOR CONNECTING TUNED POWER TRANSMISSION LINE TO A.C. NETWORK.

Applicant: SIBIRSKY NAUCHNO-ISSLEDOVATELSKY INSTITUT ENERGETIKI NOVOSIBIRSK, ULITSA FRUNZE 9, USSR.

Inventors: EDUARD STEPANOVICH LUKASHOV & MARINA KONSTANTINOVNA YAKOBSON.

Application No. 2042/Cal/76 filed November 15, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A device for connecting a tuned power transmission line to an a.c. network, comprising seriesly interconnected unit which include a phase transposition unit for phase shift of voltage through an angle multiple to the natural phase shift between voltages of opposite phases, a coupling transformer with a swithable group of connections of its windings, which coupling transformer matches the voltages of the tuned power transmission line and the a.c. network and effects a phase shift of voltage which is multiple to 180°, and a transverse voltage regulation transformer which makes it possible to smoothly change the voltage phase shift under load, in which device the aforesaid units may also be placed in the following order: the phase transposition unit, the transverse voltage regulation transformer and the coupling transformer; or the coupling transformer, the phase transposition unit and the transverse voltage regulation transformer; or the coupling transformer the transverse voltage regulation transformer and the phase transposition unit; or the transverse voltage regulation transformer, the phase transposition unit and the coupling transformer; or the transverse voltage regulation transformer, the coupling transformer and the phase transposition unit.

CLASS 12-D & 27-L, 144796.
Int. Cl.-E04c 5/03.

COLD ROLLED DEFORMED REINFORCEMENT BARS.

Applicant: THE TATA IRON & STEEL COMPANY LIMITED, OF JAMSHEDPUR, BIHAR, INDIA.

Inventors: BISWANATH PANDA, (2) DR. SURINDER MOHAN MEHRA, (3) UMESH SINGHAL & (4) DHARM-BIR GEDH.

Application No. 963/Cal/77 filed June 27, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A cold deformation process for the manufacture of reinforcing metal bars for use in R. C. construction and more particularly for the manufacture of reinforcing metal bars of small section, which consists in cold rolling in two stages, wherein in the first stage the round section bar is formed into an oval section without any flat surface and in the second stage, then passing the said oval section bar through roll passes having the

required grooves engraved on them whereby the said roll pass imparts the necessary cold deformation as well produces the required rib pattern on the bars.

CLASS 113-I & 134A, 144797.
Int. Cl.-F21m 3/00.

THE HEADLAMP TILTING MECHANISM IN A MOTOR VEHICLE.

Applicant: THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Inventors: FREDERICK RAYMOND PATRICK MARTIN.

Application No. 595/Cal/75 filed March 24, 1975.

Convention date March 30, 1974 (14210/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

In a motor vehicle comprising a body, and a headlamp mounted for tilting movement relative to the body, mechanism for tilting the headlamp, said mechanism including an axially slidable drive member, a lever pivotally mounted relative to the body and connected with the headlamp, the lever extending generally parallel to the drive member, and a link extending transversely between and being pivotally connected to the lever and to the drive member, whereby the arrangement of lever and drive member readily permits movement of the lever by the drive member but opposes movement of the drive member by the lever.

CLASS 76E, & 74 & 119B, 144798.
Int. Cl.-A44b 19/34; D03d 1/08; 47/00.

WOVEN SLIDE FASTENER, METHOD AND APPARATUS FOR ITS MANUFACTURE.

Applicant & Inventor: CARMELLO MOTTA, OF VIA COMERIO 3, MILAN, ITALY.

Application No. 961/Cal/75 filed May 14, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims.

A woven slide fastener comprising two supporting tapes, each consisting of a textile plating having a two arm edge which carries a row of linking elements to be coupled by means of a slide, the row of linking elements of each tape consisting of a meander of continuous synthetic monofilament bound by means of weaving to the edge of the respective supporting tape, with the U-loops uncovered by the fabric, characterized by the fact that the two arms of the edge of each supporting tape converge at the point of insertion of the linking elements in continuous synthetic monofilament.

CLASS 32-E, 144799.
Int. Cl.-C08d 5/00.

PROCESS OF PREPARING A SYNTHETIC RUBBER COMPOSITION.

Applicant: POLYSAR LIMITED, OF SARNIA, ONTARIO, CANADA.

Inventors: YUNG-KANG WEI, & ZBIGNIEW JACK LOBOS.

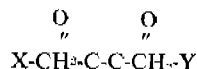
Application No. 530/Cal/76 filed March 26, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

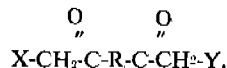
7 Claims.

A process of preparing a synthetic rubber composition of improved green strength which comprises reacting a rubbery polymer with a halogen compound, said rubbery polymer being selected from the group consisting of polymers of a C_4-C_6 conjugated diolefin and a C_6-C_{10} vinyl- or vinylidene substituted aromatic hydrocarbon, and polymers of a C_1-C_6 conjugated

diolefin and a C_2-C_6 vinyl compound having a nitrile group, said rubber polymer having from 0.5 to 10 millimoles, per 100 grams of polymer, of bound tertiary amine groups therein, said halogen compound having a general formula selected from the group consisting of

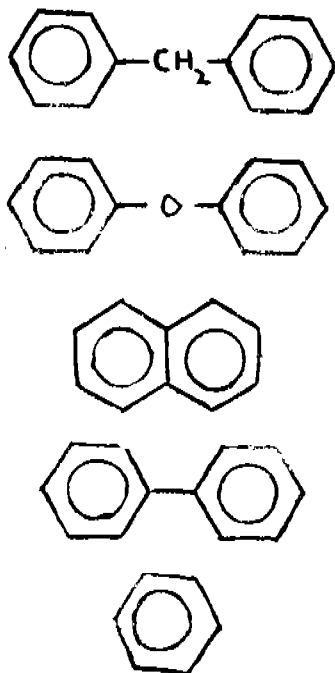


and



wherein X and Y each represent one of chlorine, bromine or iodine, and wherein R represents

- an alkylene group selected from $-\text{CH}_2-$, $-\text{CH}_2-\text{CH}_2-$, $-\text{CH}(\text{CH}_3)-$ and $-\text{C}(\text{CH}_3)_2-$, or
- an aromatic group selected from the group of formulae shown in Figures 1 to 5.



each of which may additionally contain one or more C_1 to C_4 alkyl substituents on any of the aromatic nuclei, and the location of each



$\text{X}-\text{CH}_2-\text{C}$ or $\text{Y}-\text{CH}_2-\text{C}$ group is at any one of the ortho-, meta- or para-position of the aromatic nucleus and in separate aromatic nuclei except where R represents a group of the formula shown in Figure 1.

CLASS 145-B & D.
Int. Cl.-F16k 31/00

144800.

IMPROVEMENTS IN OR RELATING TO CONTROL VALVES.

Applicant: MATHER & PLATT LIMITED, OF PARK WORKS, MANCHESTER M10 6BA ENGLAND.

Inventor: GEDDES ALLAN BRAY.

Application No. 959/Cal/76 filed June 2, 1976.

Convention date June 10, 1975 (24859/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

An installation control valve comprising a pivotal butterfly valve disc with a spindle to which is connected a lever with which cooperates a lever retaining mechanism releasably held

to resist lever movement and so prevent valve disc opening, an actuating means operable under a predetermined condition to release the lever retaining mechanism and thereby the lever so that unequal pressure forces on either side of the valve disc cause valve opening.

CLASS 28-D.

144801.

Int. Cl.-F23d 5/00; 11/14.

IMPROVEMENTS IN OR RELATING TO BURNERS.

Applicant & Inventor: JOSEPH SWARTZBERG, OF BO3 ST. JOHNS WOOD, 2ND STREET, KILLARNEY, REPUBLIC OF SOUTH AFRICA.

Application No. 1178/Cal/76 filed July 2, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

6 Claims.

A burner including a fuel passage (28) adapted to be connected to a liquid fuel source (12), a nozzle (30) connected to the fuel passage (28), at least one elongate heat-conducting element (32) located around the nozzle and extending away therefrom with one end of each of the heat-conducting elements being in good thermal contact with the fuel passage (28) upstream of the nozzle (30) and supported on the other end of each of the heat-conducting elements (32) the fuel passage (28) at no stage passing through any flame in the vicinity of the nozzle (30) and each of the heat-conducting elements (32) being adapted to pick up and conduct heat from such flame to the fuel passage (28) to effect vaporization of the fuel as it leaves the nozzle (30).

CLASS 128-G.

144802.

Int. Cl.-A61f 7/00.

APPARATUS FOR TREATING TUMORS IN HUMANS AND ANIMALS.

Applicant: CRITICAL SYSTEMS INC., OF 285 HAMILTON AVENUE, PALO ALTO, CALIFORNIA, UNITED STATES OF AMERICA.

Inventor: WILFRID BARRETT WHALLEY.

Application No. 1403/Cal/76 filed August 5, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

Apparatus for treating tumors in humans and animals, comprising, radio frequency oscillator means, amplifier means coupled to the output of said radio frequency oscillator means for producing an amplified radio frequency output signal, electrode means coupled to said amplifier means, said electrode means including at least one capacitive electrode having a configuration adapted to pass an electric field through both the tumor and the surrounding tissue, and means for controlling the power of said amplifier means to avoid heating the surrounding tissue beyond a preselected temperature level while allowing the tumor to heat beyond the preselected temperature level, said controlling means including direct current inverse feedback means connected from said amplifier means to said oscillator means for stabilizing output current.

CLASS 180.

144803.

Int. Cl.-F24c 5/00.

HIGH OUT-PUT STOVE.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors: PREM NATH BHAMBI, (2) SATISH KUMAR KHANNA & AVINASHI LAL ARORA.

Application No. 1441/Cal/76 filed August 9, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

A high output stove comprising an oil container with a lid, a single or multi-wick burner connected to the oil container

lid, perforated outer and inner sleeves resting upon the burner and providing a combustion space in between the perforated sleeves from where a flame and products of combustion come out when the wicks are lighted, a heat conserving metallic ring around the burner and resting on the lid characterised in that the vessel supporting ring is provided with a lip subtending an upward angle with the horizontal whereby flame coming out of the combustion space is deflected and converged to the centre of the vessel which may be placed upon the stove thereby raising the efficiency of heat transfer.

CLASS 5B.
Int. Cl.-A01d 73/00.

144804.

A DRIER FOR PADDY AND SIMILAR AGRICULTURAL MATERIALS.

Applicant: STEELSWORTH LIMITED, OF 17, GANESH CHANDRA AVENUE, CALCUTTA-700 013, WEST BENGAL, INDIA, AN INDIAN COMPANY, HAVING A REGISTERED OFFICE AT TINSUKIA, ASSAM.

Inventor: DINESH BAGARIA.

Application No. 1094/Cal/77 filed July 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

8 Claims.

A drier for paddy and similar agricultural materials comprising a chamber having a grate therein for burning fuel material, feeding arrangement inside the chamber for delivering the fuel material from the feed point onto the grate, supplementary air inlet means arranged on one side of the grate for admitting air into the chamber, means for controlling the air in the air inlet means and means for withdrawing hot air from the chamber and delivering the same to a hot air distribution chamber.

CLASS 69-D.
Int. Cl.-H01h 36/00.

144805.

CIRCUIT BREAKER WITH IMPROVED TRIP MEANS.

Applicant: WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor: STEPHEN ALBERT MRENNA.

Application No. 1720/Cal/75 filed September 9, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A circuit breaker comprising cooperable contacts, an operating mechanism including a latchable member which effects automatic opening of the contacts when released from a latched position thereof, and a trip device for effecting release of the latchable member from the latched position in response to predetermined overload currents, said trip device comprising an elongated bimetallic trip member thermally responsive to overload currents above a first level, and electromagnetic trip means responsive to overload currents above a second level higher than the first said electromagnetic trip means comprising a magnetic yoke substantially U-shaped in cross-section and fixedly supported on the bimetallic trip member such that the latter extends between the two legs of the substantially U-shaped yoke; an electric coil connected in circuit with said contacts and comprising several turns disposed on a leg of the yoke; and a magnetic armature supported on the bimetallic trip member so as to be movable relative thereto and magnetically attractable to the magnetic yoke, said magnetic armature having an intermediate portion which extends in substantially parallel spaced relationship adjacent the leg of the yoke having said turns thereon, and two opposite ends, portions which extend, substantially perpendicularly with respect to said intermediate portion adjacent the free edges of the respective legs of the yoke so as to form there with air gaps when the armature is in a non-attracted position thereof.

CLASS 64B.

Int. Cl.-H01n 31/06.

144806.

ELECTRICAL ADAPTOR.

Applicant: THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Inventor: GEORGE JOSEPH WHITNEY.

Application No. 62/Cal/75 filed January 10, 1975.

Convention date January 29, 1974 (03983/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

An electrical adaptor comprising a hollow, electrically insulating body including a circular, substantially planar base, a side wall upstanding from the base and having a circular cylindrical external surface, and a wall portion mounted on part of the side wall and extending further away from the base than the side wall; first and second electrical terminals mounted in the hollow body, the first terminal being engaged with said wall portion such that an outer end of the first terminal is disposed further away from the base than an outer end of the second terminal said first terminal projecting the side wall; a pair of electrical connectors extending out-wardly from the base in mutually parallel, spaced relationship; and electrically conducting means electrically connecting the electrical connectors with first and second terminals respectively.

CLASS 85-H & 129G & 207.
Int. Cl.-B27g 19/00.

144807.

A CHAIN SAW.

Applicant & Inventors: HARILAL AMBARAM PANCHAL, (2) KARSANDAS MAVJIBHAI PATEL, & DEVAJIBHAI RAMJIBHAI PATEL, PRESENTLY OF D-24 DEFENCE COLONY, NEW DELHI-110024, INDIA.

Application No. 1956/Cal/75 filed October 9, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

11 Claims.

A chain saw comprising a header assembly having a gear box a chain arm held to said gear box, a drive sprocket provided in said gear box a driven sprocket provided at one end of said arm an endless chain adapted to traverse on said sprockets and supported by said arm said chain having the cutting tools, motive means for driving and drive sprocket and a chain tightening means provided in said header assembly.

CLASS 104F.
Int. Cl.-C08c 9/00; 11/44; C08d 11/04.

144808.

PRODUCTION OF VULCANIZABLE DIENE RUBBER COMPOSITION STABILIZED WITH UNSYMMETRICAL N, N'-DI (SEC-ALKYL) P-PHENYLENEDIAMINES AND N, N'-DIALKYL-P-PHENYLENEDIAMINE MIXTURES.

Applicant: MONSANTO COMPANY, OF 800 NORTH LINDBERGH BOULEVARD ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA.

Inventors: HELMUT LUDWIG MERTEN, CHARLES GENE SUMMERS, & GENE RAY WILDER.

Application No. 799/Cal/76 filed May 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A process for producing stabilized vulcanizable diene rubber composition which comprises incorporating into said rubber a stabilizing amount of dialkyl-p-phenylene-diamine composition comprising first component of symmetrical N, N'-di (sec-hexyl)-phenylenediamine in less than 50% weight of the total composition, second component of unsymmetrical N-(sec-hexyl)-N'-(sec-alkyl)-p-phenylenediamine having 7 or 8 carbon atoms in said sec-alkyl in amount greater than the first

component and greater than 40% of the total composition, and third component of symmetrical N, N'-di (sec-alkyl)-p-phenylenediamine having 7 or 8 carbon atoms in each alkyl group.

CLASS 131c. 144809.
Int. Cl.-E21d 11/00; 17/00; 15/00.

IMPROVEMENTS IN OR RELATING TO MINE ROOF SUPPORTS.

Applicant : FLETCHER SUTCLIFFE WILD LIMITED, OF UNIVERSAL WORKS, HORBURY, WAKEFIELD, YORKSHIRE, ENGLAND.

Inventor : ARTHUR SCARFE.

Application No. 882/Cal/76 filed May 21, 1976.

Convention date May 22, 1975 (22144/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims.

A mine roof support comprising a plurality of hydraulically extensible chock legs attached at their upper ends to one or more elongate roof bars by means of a projection on each chock leg passing through an aperture in the underside of the roof bar(s) to be located in articulate manner in any one of a plurality of positions along the roof bar(s) and within the roof bar(s) by abutment means.

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

(1)

The title in the application and specification and also the opening paragraph of the description in page 2 of the specification of application for patent No. 140683 (earlier numbered as 2561/Cal/73) was made by GOSUDARSTVENNY VSE-SOJUZNY INSTITUT PO PROEKTIROVANIJU PREDPRIYATY KOKOKHIMICHESKOI PROMYSHLENNOSTI-GIPROKOK, the acceptance of the complete specification of which was notified in the Part III, Section 2 of the Gazette of India dated the 11th December, 1976 has been corrected to read as "Method of making plastic coal briquettes and coal briquettes so made", under sub-section (3) of Section 78 of the Patents Act, 1970.

(2)

The title in the application and specification of application for patent No. 142094 (earlier numbered as 100/MAS/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 28th May, 1977 has been corrected to read as "Process for making new type of container for holding lead peroxide and a container so made" under sub-section (3) of Section 78 of the Patents Act, 1970.

(3)

The title of the invention in the application and specification of patent No. 142365 (earlier numbered as 471/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2, of the Gazette of India dated the 25th June, 1977 has been corrected to read as "Improvements in extruder apparatus and a process for making the outer carrier ring thereof" under sub-section (3) of Section 78 of the Patents Act, 1970.

(4)

The title of the invention in the application and specification of patent application No. 142366 (earlier numbered as 472/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th June, 1977 has been corrected to read as "Extrusion apparatus for the production of double-walled plastics tubes" under Section 78(3) of the Patents Act, 1970.

(5)

The title in the application and specification of application for Patent No. 142445 (earlier numbered as 409/BOM/74)

made by Estrela Batteries Ltd., the acceptance of the complete specification of which was notified in the Part III, Section 2 of the Gazette of India dated the 9th July, 1977 has been corrected to read as "A method of manufacturing a leakproof primary electric dry cell and a leakproof primary electric dry cell obtained therefrom" under sub-section (3) of Section 78 of the Patents Act, 1970.

(6)

The title in the application, specification and opening paragraph of the specification of application for Patent No. 142462 (earlier numbered as 54/BOM/74) made by Ciba-Geigy of India Limited, the acceptance of the complete specification of which was notified in the Part III, Section 2 of the Gazette of India, dated the 16th July 1977 has been corrected to read as "Process for colouring material made from hydrophobic or hydrophilic fibres or from blends and dyed material so obtained" under Section 78(3) of the Patents Act, 1970.

(7)

The title of the invention in the application and specification of application for Patent No. 142535 (earlier numbered as 1421/Cal/75) made by Siemens Aktiengesellschaft, the acceptance of the complete specification of which was notified in the Part III, Section 2 of the Gazette of India dated the 23rd July, 1977 has been corrected to read as "A retaining device for a compression spring and its use in electromagnetic switching device" under sub-section (3) of Section 78 of the Patents Act, 1970.

(8)

The title of the invention in the application and specification for Patent No. 142622 (earlier numbered as 608/Cal/76) made by Siemens Aktiengesellschaft, the acceptance of the complete specification of which was notified in the Part III, Section 2 of the Gazette of India dated the 6th August, 1977 has been corrected to read as "Improvements in or relating to process and apparatus for surface grinding a workpieces and workpieces thus obtained", under sub-section (3) of Section 78 of the Patents Act 1970.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8 Hastings Street, Calcutta, at two rupees per copy:—

124928 125234 125277 125325 125380 125897 126177 126498
126540 126994 127122 127331 127425 127571 127625 127674
127913

(2)

113666

PATENTS SEALED

134086 142276 142702 142837 142841 142864 142902 142906
142908 142912 142914 142921 142928 142940 142941 142972
143073 143075 143076 143080 143092 143098 143099 143154
143158 143551

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Wharton Shipping Corporation in respect of patent application No. 140898 as advertised in Part III, Section 2 of the Gazette of India dated the 25th February, 1978 have been allowed.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

Na. & Title of the invention

- 83482 (20-4-72) Process for preparing 2-(5, 6, 7, 8-Tetrahydronaphthylamino)-imidazoline and the acid addition salts thereof.
- 115555 (20-4-72) Process for the preparation of 6-(α -sulfoaminophenylacetamido) Penicillanic Acids and 6-(α -Sulfoaminothiophenylacetamido) Penicillanic Acids.
- 135204 (7-4-72) Purification of gaseous hydrogen chloride.
- 135840 (6-6-72) Process for the catalytic oxychlorination of ethylenic hydrocarbons in a fluid or moving bed.
- 135850 (19-1-72) A process for the manufacture of a catalyst composition.
- 135863 (5-7-72) A process for carrying out bulk polymerisation.
- 135878 (20-6-72) Improvements in or relating to a method of obtaining a coloured chromium containing alloy.
- 135887 (19-1-72) A process for N-substituted 3-aminoacrylophenone.
- 135894 (20-4-72) Methods of preparation of piperidine hydrochloride derivatives.
- 135943 (30-10-72) Method for simultaneous combined production of electrical energy and crude iron.
- 135975 (5-12-72) Bottom Blown process for the refining of molten iron.
- 135976 (20-7-72) Copolymerisation of olefins.

RENEWAL FEES PAID

88251 88448 88457 88934 89073 94088 94423 94479 94503
 94574 94575 94576 94722 94823 96572 97410 99748 99876
 99879 99990 100023 100024 100032 100034 100136 100455
 100583 105632 106145 106263 110965 110995 110999 111010
 111035 111226 111229 111727 112057 116131 116199 116233
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 121645 121673 121685 121744 121755 121881 122039 122041
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 141959 141969 142010 142022 142084 142139 142158 142195
 142215 142227 142254 142258 142289 142361 142383 142610
 142647 142649 142653 142678 142681 142736 142737 142752
 142927

CESSATION OF PATENTS

109125 109141 109153 109164 109172 109200 109215 109216
 109234 109304 109323 109370 109381 109387 109424 109433
 109527 109528 109611 112256 112257 115606 123101 123316
 123341 128563 128576 132913 132943 135511 138998 140280
 140304 141789

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 134618 granted to Wood Brothers Glass Company Limited for an invention relating to "improvements in or relating to the marking of graduated volumetric measuring vessels of glassware and like materials". The patent ceased on the 15th February, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 20th May, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th September, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139954 granted to Heavy Engineering Corporation Limited for an invention relating to "coal charging car". The patent ceased on the 25th August, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 27th May, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th September, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 140445 granted to Fertilizer Corporation of India Limited for an invention relating to "process for purifying gases containing last traces of alkaline material such as alkaline and ammonia." The patent ceased on the 4th November, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 27th May, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th September, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141084 granted to Tirupattur Damodara Rao for an invention relating to "uplift preventor". The patent ceased on the 24th January, 1978, due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 27th May, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th September, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and

the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141409 granted to Ashok Kumar and Vijaya Kumar for an invention relating to "a method of constructing pressed bulb formations". The patent ceased on the 18th February, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 20th May, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th September, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141435 granted to Ashok Kumar and Vijaya Kumar for an invention relating to "improved continuous deep cutter". The patent ceased on the 18th February, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 20th May, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th September, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141527 granted to Bhuvaneshwar Singh for an invention relating to "search light". The patent ceased on the 13th April, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 27th May, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th September, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interests, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(8)

Notice is hereby given that an application for restoration of Patent No. 123176 dated the 16th September, 1969 made by Tsentralny Nauchno-Issledovatel'sky Institut Tekhnologii Mashinostroenia on the 6th September, 1977 and notified in the Gazette of India, Part III, Section 2 dated the 26th November, 1978 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date

of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 145893. Bidhani Industries, of 30-B, Industrial Colony, Naini, Allahabad-211008, Uttar Pradesh, India, an Indian Sole Proprietary Company of which the Sole Proprietor is Lachmi Narayan Bihani, an Indian National of the above address. "A Torch" August 8, 1977.

Class 1. No. 145900. Panchal Mechanical Works, Opp : Delhi Gate, Station Road, Surat, Gujarat State, India, an Indian Partnership firm. "Diamond Cutting Lathe Machine". August 16, 1977.

Class 1. No. 145969. Parveen Co.; an Indian Proprietary Concern, 129/13, Amar Mohalla, Seelam Pur, Delhi-110031, India. "Towel Rail Bracket". August 31, 1977.

Class 1. No. 145971. Al-Madeena Exports, of Vijaya Mansion, 13/203A, Annie Hall Road, Calcutta-2, Kerala, India, an Indian Partnership firm. "Hookah" August 31, 1977.

Class 1. No. 145986. R. Shankardas & Co., 37, Chakla Street, Wassiawala Building, 3rd floor, Bombay-400 003, Maharashtra, India, an Indian Partnership firm. "Hook", September 3, 1977.

Class 3. No. 145770. Asian Advertisers, 20, Kala Bhavan, Mathew Road, Opera House, Bombay-400004, Maharashtra, India, an Indian Partnership firm. "Container". July 1, 1977.

Class 3. No. 145894. Bihani Industries, of 30-B, Industrial Colony, Naini, Allahabad-211008, Uttar Pradesh, India, an Indian Sole Proprietary Company. "A Torch". August 8, 1977.

Class 3. No. 145939. Kalpana Industries, an Indian Partnership Firm, carrying on business at 405, Byculla Industrial Estate, Sussex Road, Near Victoria Gardens, Bombay-400027, Maharashtra, India. "Desk Memo Box". August 25, 1977.

Class 3. No. 145940. Rooplex Industrial an Indian Partnership Firm, carrying on business at Agarwal Estate, 139 S. V. Road, Jogeshwari (West) Bombay-400060, Maharashtra, India. "Wetner" August 25, 1977.

Class 3. No. 145993. Ram Kishan Jagdish Rai, 313/4E, Tulsi Nagar, Delhi-110035, A firm registered under the Partnership Act, 1939, "Chappal" September 5, 1977.

Class 3. No. 146016. Paros Electronics (P) Ltd., 5, Community Centre, Naraina Industrial Estate, New Delhi-110028, an Indian Private Limited Company. "Radio with cassette tape recorder", September 8, 1977.

Class 3. No. 146031. Plastic Arts & Teeccekem (India) an Indian Partnership firm carrying on business at Agarwal Estate, S. V. Road, Jogeshwari, Bombay-400060, Maharashtra, India. "Calendar". September 14, 1977.

Class 6. No. 145750. Manize, Cumballa Hill Flyover, Bombay-400036, State of Maharashtra, India, a registered partnership firm. "Back pocket for trousers" June 28, 1977.

Class 10. No. 145696, 145697 & 145698. Plastic Udyog, B-62, Wazirpur Industrial Area, Delhi-110052, an Indian Partnership concern. "Footwear". June 18, 1977.

Class 10. No. 145994. Ram Kishan Jagdish Rai, 313/4E, Tulsi Nagar, Delhi-110035, a firm registered under

the Partnership Act, 1932. "Chappal" September 5, 1977.

Class 11. No. 145749. Manize, Cumballa Hill Flyover, Bombay 400036, State of Maharashtra, India, a registered partnership firm. "Back pocket for trousers". June 28, 1977.

Class 12. Nos. 145950, 145951, & 145952. Rafiq Plastics, C/o. Shiralkar Cloth Merchant, 14/16, Raghunath Maharaj Street, Mandvi Koliwada, Bombay-400003, Maharashtra, India, an Indian Partnership firm, "Crackers" August 29, 1977.

CANCELLATION OF THE REGISTRATION OF DESIGNS

(Section—51A)

An application has been made by Bhikhubhai Dahyabhai Topiwala and others trading as M/s. Paramount Products for cancellation of the registration of Design No. 145847 in Class 3 in the name of Shri Cosmetics.

S. VEDARAMAN
Controller-General of Patents Designs,
and Trade Marks.